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LOCKHEED AIRCRAFT CORPORATION		ENGINEERING STUDY <input type="checkbox"/>		LAC-153						
		CHANGE PROPOSAL <input checked="" type="checkbox"/>								
DATE 26 APRIL 1963		AFFECTS : WSPO <input type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>						
NAME OF MAJOR COMPONENT		PART OR LOWEST SUBASSEMBLY		PART NO. & MODEL OR TYPE						
TITLE OF PROPOSAL : "WET MAPS"					STAT					
NATURE OF PROPOSAL : SEE PAGE 2										
REASON FOR PROPOSAL : TO PROVIDE NEW STORAGE CONTAINER WATER SYSTEM.										
<div style="position: absolute; top: 20%; left: 20%; transform: rotate(-45deg); font-size: 4em; opacity: 0.5;"> CANCELLED See </div>										
ES	ESTIMATED COST AND TIME INVOLVED : ADDITIONAL FUNDING REQUIRED :									
CP	ESTIMATED COST FOR KITS OR PARTS : See Page 2 ADDITIONAL FUNDING REQUIRED : Yes - SP-1923; No - SP-1922									
ITEMS AFFECTED BY PROPOSAL :										
SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER-CHANGEABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD										
SOURCE OF PARTS FOR KIT Purchase & Fab				AVAILABILITY <u>16</u> WEEKS AFTER APPROVAL						
DISPOSITION OF SPARES AFFECTED Not Applicable										
STAT										
INITIATED BY : Project				APPROVED : PROJECT						

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NATURE OF PROPOSAL:

A new fiberglass container with 7 flat rectangular carriers is to be installed on R.H. side of cockpit against the side console along the side of the pilots seat. A pressurized water system will be plumbed to the container. The water system will consist of an accumulator, a nitrogen bottle to provide pressure, a nitrogen pressure gauge, and an explosive valve for releasing nitrogen pressure to the accumulator. The accumulator contains an internal bladder cell for storage of antifreeze and water and will incorporate a restrictor in the nitrogen side and a burst diaphragm to separate water from the fiberglass container.

The accumulator, gauge, and nitrogen bottle will be installed on the aft side of the Sta. 252 bulkhead along with the existing 250 VA inverter. They will be made readily removable for alternate installation of the A. O. panel.

Actuation of the water system to fill the fiberglass container will be accomplished by any one of 4 different means as follows:

1. Operation of the destruct switches.
2. Actuation of the emergency canopy release.
3. Operation of the seat ejection system.
4. Manual operation of a separate switch.

First installation, proto-type, not using production parts will be installed on an article at EAFB for evaluation before kits are produced. Seven (7) kits will then be prepared.

Estimated Cost for Kits or Parts

1. Proto-type - Fab. Assem. & Instal. - SP-1923	\$ 3,325
2. Mnfg. & Assem. 7 kits - SP-1922	
7 kits @ \$2,115/Kit	14,805
Total Price	<u>\$18,130</u>